iQ
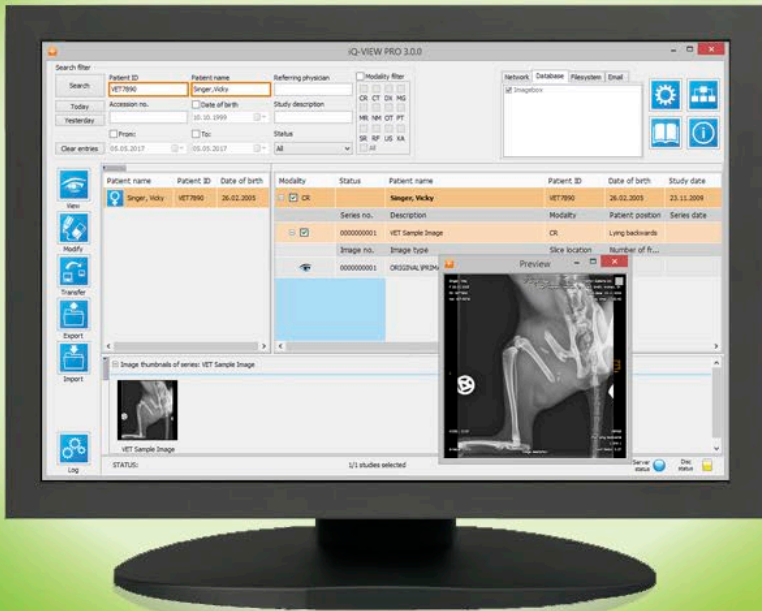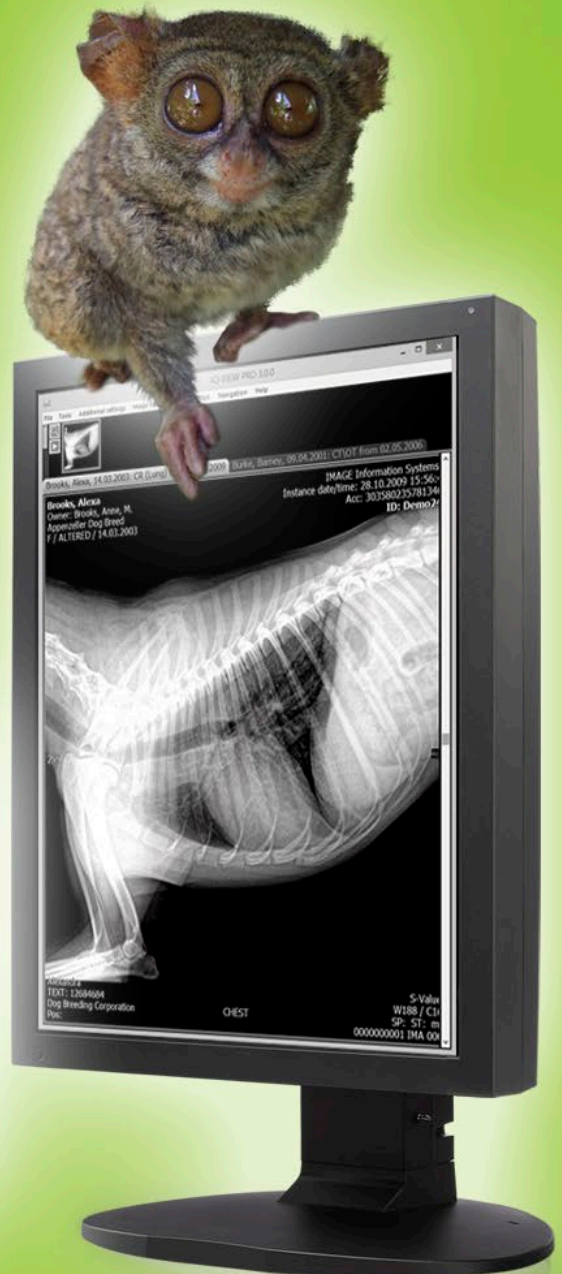
VIEW VET EDITION
THE RADIOLOGY READING STATION FOR VETERINARIANS

FOR VET EYES ONLY

VETERINARY READING AT YOUR FINGERTIPS

The key factor for vets who frequently read medical imaging studies is selecting the appropriate reading station.

The perfect reading station needs to be user-friendly and provide the highest level of functionality. iQ-VIEW fulfills both of these requirements since it has been designed by radiologists for imaging specialists.

BASIC and PRO

The software is available in two editions. The BASIC edition - iQ-VIEW - includes all required features for viewing and reading while iQ-VIEW PRO aditionally offers professional tools for reading specialists like presentation states and individually customizable hanging protocols.

Hanging Protocols make it easy to view for instance pre-purchase examinations of horses for facilities dealing with equine patients. Studies and images can be loaded automatically as each veterinarian wishes to read them.

Quick and Easy

iQ-VIEW offers quick and intuitive access to tools for improved efficiency. All image processing tools can be selected via buttons, menu items or keyboard shortcuts. A configurable toolbar in the viewer facilitates the easy selection of functionalities needed for processing images. The most relevant buttons can simply be set up in the user's own default toolbar.

Previous Studies - Automatically

iQ-VIEW PRO provides a unique automatic previous studies management, which helps the veterinarian save time by searching for relevant previous studies of an animal patient and loading them automatically into the viewer. This new feature is supposed to reduce the number of missed relevant priors significantly.

Import Dialog

A special feature of the import module is that fields for veterinary view positions, body parts and vet-specific information, such as species, breed, owner and studbook info are available. This data can be added to the image to complete the information workflow.

Flexible integration

iQ-VIEW can be integrated into virtually any RIS, EMR or HIS available on today's market. Specialty readers find interfaces to further image analysis tools, such as 3D post-processing and orthopedic templating.

Versatile uses:

Import - Export - Report

iQ-VIEW can function as an image acquisition station by importing images from scanners, directories and portable media, including options for patient reconciliation offered in the PRO version. It is also possible to attach scanned documents to an already existing study.

The software can further be used as an exporting station by writing imaging data and reports to CDs, DVDs or memory sticks, by printing on Windows® laser printers or DICOM medical imagers (including true-size DICOM printing), or by emailing any study to a colleague (even in diagnostic quality). iQ-VIEW may be used as a manual radiological media burning station – or alternatively, as a semi-automatic one in connection with iQ-ROBOT.*

iQ-VIEW cannot only be used to read studies and reports, but it also comes with a basic reporting module, that enables users to create, edit, store and send their own structured reports.

Teleradiology? No problem.

iQ-VIEW is also ideal for teleradiology purposes. Encrypted DICOM email makes it possible – ask any colleague anywhere in the world for a second opinion – with only one mouse click! This technology allows the quick, easy exchange of information among colleagues by email. Or, use the email feature to send out your image data as JPEG files.

Licensing

Depending on your needs, iQ-VIEW is available either with a single or a concurrent license. A single license is bound to the computer on which the application is installed. Concurrent licensing (i.e. floating licensing or network licensing) is an alternative licensing model allowing to use a specified number of workstations installed within a network at the same time without having to license each application individually.

Certified quality and reliable service

Of course, iQ-VIEW is CE and FDA 510(k) certified and complies with the DICOM and IHE standards. The application is compatible with virtually all medical imaging DICOM devices on the market, regardless of the manufacturer.

Continuous improvements to the software, combined with intensive testing in IMAGE Information Systems' quality assurance labs, guarantee that iQ-VIEW's high level of stability is maintained at all times.

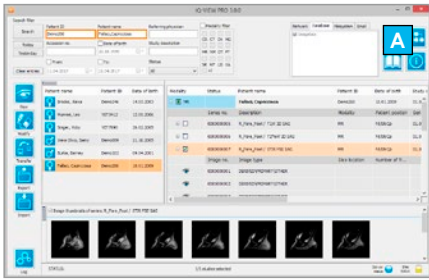Low maintenance costs assure a quick return on investment.

IMAGE's worldwide network of manufacturer-trained service engineers ensures that guidance and support is just around the corner.

THE BEST
FOR VETS

*Please note: iQ-ROBOT must not be sold or used in the United States of America and the United Kingdom.

A The Study Browser provides a clear overview of all imaging data including pdf files and structured reports. It is possible to easily search for owners and animals.


B All image processing tools can be accessed either by selecting buttons or menu items, or even by using shortcuts. For an easy orientation within a series, the user-friendly viewer offers several scout-pilot tools, such as the lines mode and the 3D position display for CT and MR studies.
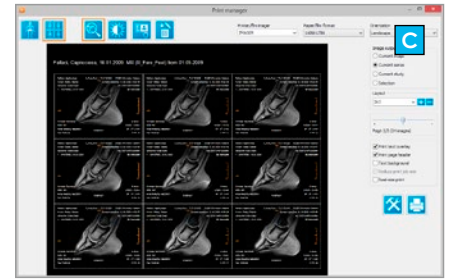
C iQ-VIEW can be used as a printing station for both film and paper. The integrated print manager allows for a flexible optimization of the printouts.
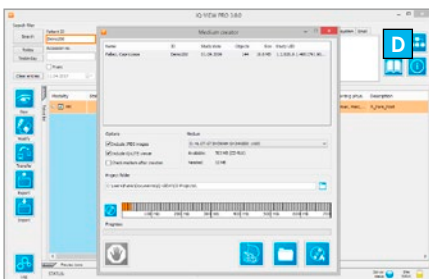
D Single and multiple studies and series can be exported to a CD, DVD or USB memory stick, all containing an iQ-LITE media viewer. Exporting to DICOM email, to directories and different file formats is also possible.
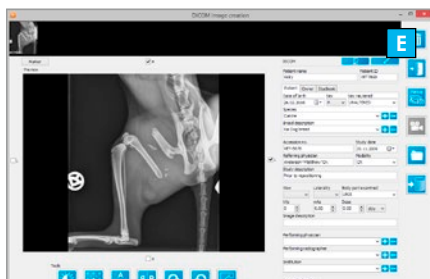
E The import module is a comprehensive tool for the acquisition of images from different sources (such as scanners, capture devices, cameras, microscopes or file directories) and their conversion to DICOM. All veterinary DICOM tags, such as owner, species, studbook number etc., will be filled properly.

F iQ-VIEW offers complete and easy-to-use measurement tools for multiple clinical areas including oncology and muscoloskeletal imaging.

iQ-VIEW/PRO VET EDITION WORKFLOW

PACS and Modalities

HIS/RIS

DICOM Modality Worklist

iQ-CAPTURE

(DirectShow® Interface)

iQ-VIEW/PRO

iQ-3D

VET-OrthoView™

iQ-LAUNCHER

Windows® Printer   DICOM Imager   iQ-ROBOT   Email/CD/USB
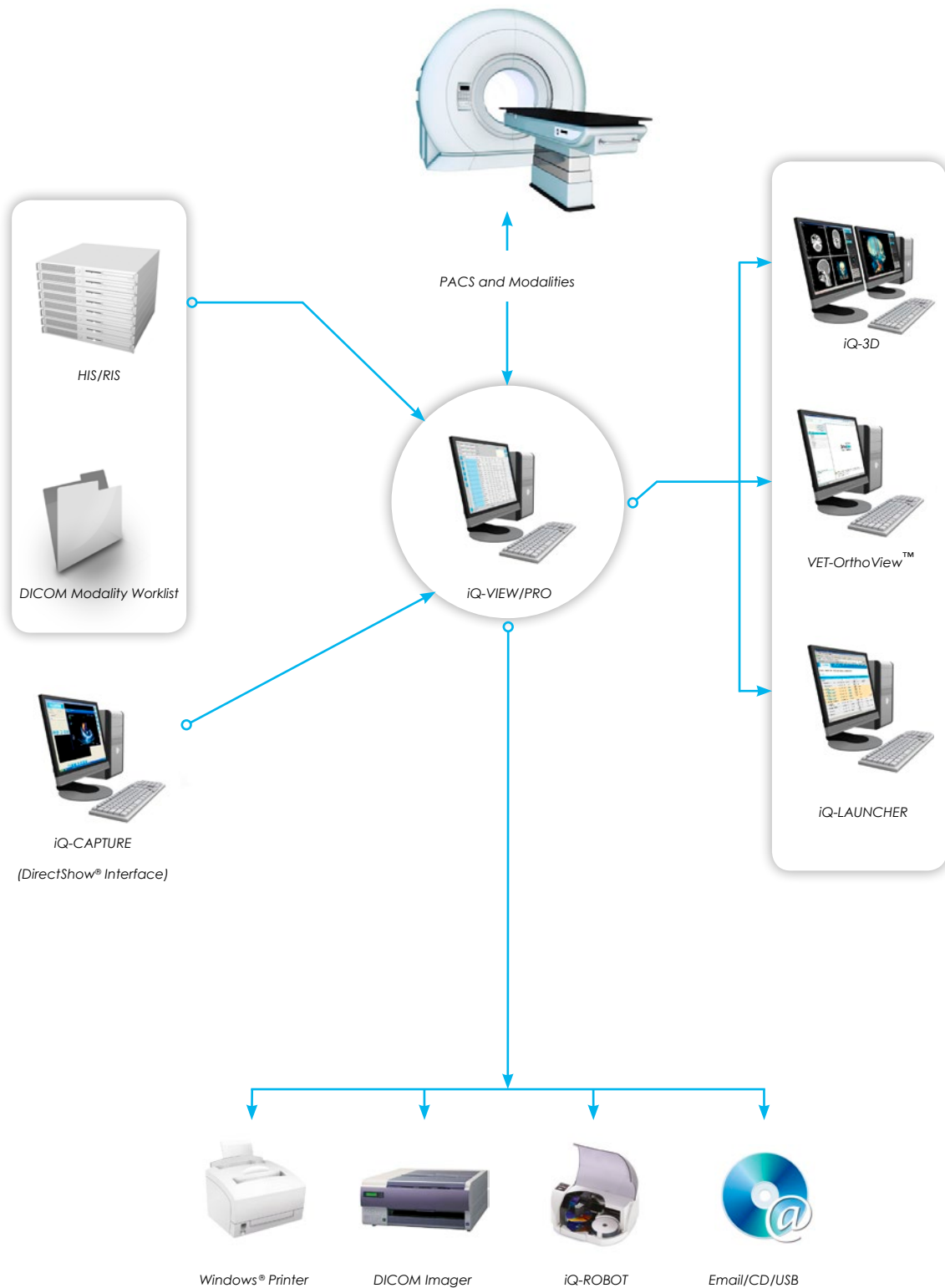
iQ-VIEW places you, the reading veterinarian, at the heart of all diagnostic processes. Receive studies from all modalities or a PACS in your reading station, be connected with your colleagues and referring veterinarians via DICOM or DICOM email or easily run iQ-VIEW integrated with your practice management system, EMR or HIS. You can even use specialty tools closely interfaced with your viewer for 3D post-processing or orthopedic templating.

iQ-VIEW VET EDITION FEATURES

GENERAL
- Support of DICOM datasets with specific character sets other than ISO_IR 100 (incl. Unicode; see DICOM conformance statement for further details)
- Scalable buttons and possibility to set font size (for high-resolution displays)
- Multimonitor support
- Visual styles to create a more comfortable working experience, especially in X-ray room conditions (NEW!)

STUDY BROWSER
- Study table now including "Registration Date" and "Source archive" columns (NEW!)
- Virtual patient list and thumbnail preview

VIEWER
- Veterinary text overlay
- Image processing (including comparison of multiple studies and image filters, synchronization/desynchronization of series)
- Speedy zooming, panning, cine mode and windowing (NEW!)
- Faster reading through improved functions (NEW!)
  - Right-click context menu for quick access to frequently used processing functions (NEW!)
  - Enhanced "Magnifier" tool now with real 16 bit interpolation and zoom factor presets (NEW!)
  - Easily synchronize cranio-caudal acquired series with caudo-cranial series without manual preparations (NEW!)
  - Possibility to reset "Windowing" changes (NEW!)
  - "Cine mode" now combined with "Bind mode" (NEW!)
- Measurements (including distance, angle, Cobb angle, hip displasia angle (Norberg angle), ROI, ratio, and modify/delete options)
- Basic annotation of images (incl. Secondary Capture image creation)
- New thumbnail selection for series preview (image from the middle of the series is shown to better present the content of the series) (NEW!)
- New mouse cursors available in different sizes (NEW!)
- DICOM presentation states on image level
- Configurable scoutlines to display plane projections/plane intersections
- Support of look-up tables, bitmap overlays and DICOM shutter sequences
- Lightbox window* (white screen) for easy comparison of digital medical images with images on film
- Configurable bottom toolbar and creation of viewer shortcuts
- Open any images of up to 150 megapixel in size (NEW!)
- Fast opening of enhanced DICOM objects, e.g. enhanced CT, enhanced MR (NEW!)

REPORTING
- Structured reporting with read/write/edit support of Basic SR objects
- Read-only support for other SR formats

IMPORT
- List containing veterinary body parts and image views
- Additional veterinary DICOM information included (e.g. studbook, breed, species or owner information, sex neutered and more)
- Patient CD/DVD/USB import

*Only permitted for diagnostic use if legal requirements are met. Ask your local dealer for details.

*iQ-VIEW VET EDITION FEATURES**

IMPORT
- TWAIN interface (scanner, CR reader system, camera etc.)
- Image file import (BMP, JPEG, TIFF, RAW)
- Drop box interface

EXPORT
- Patient CD/DVD/USB
- Integration of direct interface to iQ-ROBOT for patient CD/DVD creation
- DICOM email and JPEG images by email
- Image export to image file or AVI video file** (including measurements, windowing, color remapping, annotations and more)

PRINTING
- DICOM Print to imagers of any brand, incl. true-size (1:1) DICOM printing
- Windows® Print

COMMUNICATION
- DICOM Query/Retrieve, C-FIND, C-STORE, DICOM print client and DICOM email
- Server administration tool for easier DICOM configuration
- HIS/RIS interface (accession number or GDT/BDT) (others on request)

ADD-ONS
- Optional 3D post-processing (iQ-3D)
- Optional orthopedic templating (VET-OrthoView™)
- Optional integration of 3rd party image processing or image analysis tools (iQ-LAUNCHER)

LICENSING
- Single (PC-based) or concurrent (floating user) licenses

LANGUAGES
- Bulgarian, Chinese, Czech, Dutch, English, Estonian, Finnish, French, German, Hungarian, Italian, Japanese, Korean, Latvian, Polish, Portuguese, Russian, Spanish, Turkish (NEW!)

CERTIFICATION
- CE 0482 / FDA 510(k)***

*iQ-VIEW PRO VET EDITION FEATURES**
IN ADDITION TO iQ-VIEW VET EDITION FEATURES

VIEWER
- Customizable automatic previous study management (NEW!)
- Hanging Protocols (incl. HP sequences and modality-specific toolbars)
- Further measurements: perpendicular distance, point-to-line distance, polygonal ROI, interior angle
- Copy of measurements to other images for 3D measurements
- Dynamic magnifier window for seamless image zooming
- Annotation of images (incl. storing and sending as Presentation States)
- Color schemes for nuclear medicine, e.g. GE Color, Hot Iron

COMMUNICATION
- DICOM Modality Worklist Client

IMPORT
- Optional video capture interface iQ-CAPTURE (DirectShow®)

* Detailed information on iQ-VIEW/PRO's system requirements is available in the iQ-VIEW Administration Guide or the iQ-SYSTEM PACS Hardware Purchasing Guide.

** depending on local configuration

*** iQ-VIEW/PRO is a component of iQ-SYSTEM PACS 1.3 (FDA UDI B403IQS130).

OUR COMPANY
AT A GLANCE

IMAGE Information Systems is an international company group with offices in Germany, the UK and the USA, which offers complete, user friendly and cost-effective medical imaging solutions.

Thousands of satisfied clients all over the world benefit from our state-of-the-art products for PACS, RIS, nuclear medicine, medical displays, X-ray solutions, 3D processing and teleradiology.

We have pioneered several innovations in the market:

- We have introduced MED-TAB, the first DICOM-calibrated portable display for medical image analysis

- Our iQ-ROUTER supports virtually all DICOM image formats and transfer syntaxes in data transmission

- DICOMReader has the highest available read-in rate of patient media, ensuring compatibility with almost all available imaging modalities and vendors

IMAGE Information Systems provides the second largest digital imaging user forum on earth, enabling users to share knowledge and best practice.

To learn more about us and our products, please visit our website.

www.image-systems.biz

OUR PRODUCTS
FOR YOUR
IMAGING NEEDS

iQ-SYSTEM PACS   Full featured, reliable and affordable PACS
iQ-RIS   Smooth radiology information system
MED-TAB™   Superior portable image analysis

Stamp of sales partner

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